

CLAIMS

WE CLAIM:

1. A method of detecting Graves' disease or rheumatoid arthritis in a patient comprising
obtaining a biological sample from the patient and
5 measuring the binding of disease specific IgG with IGF-1 relative to a control
wherein an elevated level of IgG IGF-1 binding relative to the control indicates Graves'
disease or rheumatoid arthritis.
2. The method of claim 1 wherein the measuring step is a determination of T-cell
activation.
- 10 3. The method of claim 2 wherein the determination measures a chemical marker
expressed by activated T cells.
4. The method of claim 3 wherein the marker is RANTES.
5. The method of claim 3 wherein the marker is IC-16.
6. The method of claim 2 wherein the determination is T-cell migration.
- 15 7. The method of claim 1 wherein the patient is human.
8. The method of claim 1 wherein the biological sample is selected from a group
consisting of:
blood,
urine,
20 synovial fluid,
ascites,
tissue.